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सं. 50] नई दिल्ली, शनिवार, दिसम्बर 16, 1978 (अग्रहायण 25, 1900)
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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 16th December, 1978

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

9th November, 1978

1214/Cal/78. Tecalemit India Ltd. Positive displacement lubricant metering valve systems.

1215/Cal/78. Hamworthy Engineering Limited. Improvements in or relating to apparatuses for the anaerobic digestion of natural organic waste.

1216/Cal/78. Inventa AG fur Forschung und Patentverwertung. Process for the preparation of fibre-reinforced cement-like material.

1217/Cal/78. Siemens Aktiengesellschaft. Axial fan.

1218/Cal/78. Siemens Aktiengesellschaft. Device for indicating the level of a conveyor.

1219/Cal/78. Burroughs Corporation. Communications line authentication device.

10th November, 1978

1220/Cal/78. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. A fuel injector for internal combustion engines.

1221/Cal/78. H. C. Purohit. A coating composition for selective nitriding and process for making the coating composition.

1222/Cal/78. Burroughs Corporation. Improved disk drive arrangement with plenum-mounting spinc.

13th November, 1978

1223/Cal/78. Diamond Shamrock Corporation. Process for the polymerization of polyvinyl chloride.

1224/Cal/78. Mobil Oil Corporation. Crystalline zeolite composition.

1225/Cal/78. Vasily Alexeevich Chumakov. Method and apparatus for producing directionally solidifying cast pieces.

1226/Cal/78. Hollandse Signaalapparaten B.V. Method for the manufacture of twistless or substantially twistless yarn and yarn whenever manufactured by the application of this method.

1227/Cal/78. Gavia A.G. Pharmaceutical composition containing buclizine.

1228/Cal/78. Trade & Industry Private Ltd. An improved underfeed screwtype coal stoker.

15th November, 1978

1229/Cal/78. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. A fuel injector for internal combustion engines.

1230/Cal/78. Proizvodstvennoe Obiedinenie Turbostroenia "Leningradsky Metallicheskij Zavod. Adjustable-blade runner of hydraulic machine.

1231/Cal/78. Chitta Ranjan Mukherjee. Improved electrical generator and alternator.

1232/Cal/78. S. J. Mammoottil Kitronics' 25 Projects in 1 (Electronics projects Kits for beginners).

APPLICATION FOR PATENTS FILED AT THE (DELHI BRANCH)

9th October, 1978

742/Del/78. J. L. Laird. Jr. Cleated chain wrench.

743/Del/78. J. L. Laird. Jr. Strap wrench.

- 744/Del/78. UOP Inc. Production of titanium metal values.
 745/Del/78. Council of Scientific and Industrial Research. Improvements in or relating to electrolytic reduction of titanic sulphate to titanous sulphate and use of the same for the reduction of 4-4' dinitro stilbene 2-2' disulphonic acid to 4-4' diaminostilbene 2-2' disulphonic acid.

12th October, 1978

- 746/Del/78. Union Carbide Corporation. Aerobic/anaerobic sludge digestion process.
 747/Del/78. Thomas & Betts Corporation. Tool.
 748/Del/78. Bayer Aktiengesellschaft. Process for the preparation of amines for formamides
 749/Del/78. Halliburton Company. Aqueous acid solution gelling agents.

13th October, 1978

- 750/Del/78. Council of Scientific and Industrial Research. A process for the preparation of new violet naphthostyryl cationic dyes for application to polyacrylonitrile fibres.
 751/Del/78. Council of Scientific and Industrial Research. An improved oil cum gas fired coke oven.
 752/Del/78. Council of Scientific and Industrial Research. A process for the preparation of new violet naphthostyryl disperse dyes for polyester fibres.
 753/Del/78. Council of Scientific and Industrial Research. An improved process for the preparation of cervical dilators.
 754/Del/78. Council of Scientific and Industrial Research. Improvements in or relating to preparation of labels designs and photographs of light fast nature on anodised aluminium without silver by electrolytic pigmentation.

- 755/Del/78. Council of Scientific and Industrial Research. Housing of skaneyes—A road safety device.
 756/Del/78. Council of Scientific and Industrial Research. Electrocoatings from modified castor alkyd resin systems.
 757/Del/78. The British United Shoe Machinery Company Limited. Improvements in or relating to methods of and machines for stiffening shoe uppers.
 758/Del/78. General Refractories Company. Improved slide gate and method for its manufacture.
 759/Del/78. Conrad Limited. Process for obtaining natural terpenes having an antipsoriatic activity.
 760/Del/78. Compagnie Industrielle Des Telecommunications cit-alcatel. Busbar and production method therefor.

16th October, 1978

- 761/Del/78. Council of Scientific and Industrial Research. Synthesis of a new insecticide belonging to the synthetic pyrethroids groups.
 762/Del/78. USS Engineers and Consultants, Inc. Stuffing box.
 763/Del/78. Bayer Aktiengesellschaft. Metal complex reactive dyestuffs.
 764/Del/78. Stamicarbon B.V. Process for the purification of benzaldehyde.

17th October, 1978

- 765/Del/78. Interlight. A fountain pen.
 766/Del/78. A/S Elektrisk Bureau. A directional coupler.
 767/Del/78. Fagersta Aktiebolag. Low-alloy, high-speed steel.

18th October, 1978

- 768/Del/78. LE Commissariat A L'Energie Atomique and BFG Glassgroup. Process for producing a composite element comprising sheet members secured to a support and such composite elements.

769/Del/78. A. N. Jacobsen. Improved method and apparatus for the spinning of yarn. (October 21, 1977).

- 770/Del/78. Council of Scientific and Industrial Research. An improved process for the preparation of 3-amino benzo (6, 7)-quinazolin-4-one.

- 771/Del/78. Council of Scientific and Industrial Research. A simple process for the production of spermicidal saponins from the fruits of sapindus species, commonly known as soap-nut.
 19th October, 1978

- 772/Del/78. V. Kumar. Plasopan multipurpose PVC panel.

- 773/Del/78. USM Corporation. Method and apparatus for processing polymeric material.

21st October, 1978

- 774/Del/78. Forenade Fabriksverken. Improvement in wire guided torpedo.

23rd October, 1978

- 775/Del/78. Digital Equipment Corporation. Central processor unit for executing instructions of variable length.

24th October, 1978

- 776/Del/78. Interlight. Electrically-ignited gas lighted for cigarettes.

- 777/Del/78. Aktiebolaget SKF. A pressure oil injector.

APPLICATION FOR PATENTS FILED AT THE

(MADRAS BRANCH)

31st October, 1978

- 201/Mas/78. U. V. Nayak. Solar Cooker.

- 202/Mas/78. M. M. Kuruvilla. Chalk holder.

1st November, 1978

- 203/Mas/78. N. R. Rao. Solar energy chilling unit.

2nd November, 1978

- 204/Mas/78. R. Ganesan. Extendable conveyor.

- 205/Mas/78. P. S. Luckose. A method of processing 'Nira' or toddy and the product so obtained.

4th November, 1978

- 206/Mas/78. U. V. Nayak. Improved bullock cart.

- 207/Mas/78. Dr. B. T. Nijaguna. Vayu dhootha winnower.

7th November, 1978

- 208/Mas/78. S. N. Rao. A cigarette stop smoking device.

10th November, 1978

- 209/Mas/78. M. V. Subramonian & V. Somanathan. Shock preventing gadget.

ALTERATION OF DATE

145757. } Ante-dated 4th August, 1976.
 578/Cal/77. }

145776. } Ante-dated 30th August, 1974.
 236/Cal/78. }

COMPLETE SPECIFICATION ACCEPTED.

Notice is hereby given that any person interested in the opposing the grant of patents of any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period, of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The Classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8 Kiran Shankar Ray Road, Calcutta in due Course. The price of each specification is Rs. 2/- (postage extra is sent out of India) Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 40F. 145752.

Int. Cl.-B01j 1/22, C01b 9/08.

A METHOD FOR PRODUCING FLUORINE COMPOUNDS FREE GASEOUS MIXTURE.

Applicant : RHONE-POULENC INDUSTRIES, OF 22 AVENUE MONTAIGNE, 75 PARIS 8, FRANCE.

Inventor : CLAUDE DJOLOLIAN.

Application No. 1998/Cal/76 filed November 3, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims. No drawings.

A method of producing gaseous mixtures such as those herein described free of fluorine compounds, particularly HF and SiF₄ comprising scrubbing a gaseous mixture containing HF and SiF₄ with water in a first stage until the molar ratio HF : SiF₄ in the resulting gaseous mixture is at least equal to 4 : 1 and the major portion of the fluorine compound is absorbed in the form of a solution which constitutes a first end product, and in a second stage scrubbing the gaseous mixture from the first stage with an aqueous alkaline solution so as to absorb the remainder of the fluorine compounds in the form of a dilute solution which constitutes a second end product, and discharging from the second stage a gaseous mixture from which the fluorine compounds have been removed.

CLASS 85Q. 145753.

Int. Cl.-F27b 7/38.

A ROTARY KILN WITH AN INTEGRAL PLANETARY COOLER.

Applicant : F. L. SMIDTH & CO. A/S, OF 77 VIGERSLEV ALLE, DK-2500 COPENHAGEN VALBY, DENMARK.

Inventor : KARL GROISS.

Application No. 2009/Cal/76 filed November 8, 1976.

Convention date November 17, 1975/(47244/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A rotary kiln having an integral planetary cooler of which at least one cooler tube is supported by means of a mount-

ing bracket on the cooler tube which is connected to a mounting bracket on the kiln shell by means of journals which after the brackets have been brought into alignment during assembly, are movable axially into positions in which they provide a pivotal connection between the brackets.

CLASS 56A.

145754.

Int. Cl.-B01d 3/22, 3/14, 19/00.

DEGASIFICATION COLUMN.

Applicant : HOECHST AKTIENGESELLSCHAFT, D 6230 FRANKFURT/MAIN 80 FEDERAL REPUBLIC OF GERMANY.

Inventors : BERNHARD KUXDÖRD, KARL KAISER, KURT WISSEL.

Application No. 17/Cal/77 filed January 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

A degasification column with a plurality of perforated plates arranged over one another, and at a predetermined vertical separation from one another, in a column housing, in which : each plate is separated from the column housing by a minimal gap having a substantially uniform width around the periphery of the plate; the perforations in the plates have a diameter of less than 5 mm; each plate is penetrated by at least one eccentrically arranged draining shaft; at least one eccentrically arranged feed shaft ends above each plate; and, below each feed shaft, there is an impermeable area on the respective plate, this impermeable area being at least as large as the cross-section of the feed shaft.

CLASS 32F_a & F_b.

145755.

Int. Cl.-C07c 103/30, 55/06, 87/48.

PROCESS FOR THE PREPARATION OF OXANILIC ACID DERIVATIVES.

Applicant : AMERICAN HOME PRODUCTS CORPORATION, OF 685, THIRD AVENUE, NEW YORK 10017, NEW YORK, UNITED STATES OF AMERICA.

Inventors : DIETER HEINZ KLAUBERT, JOHN HAMILTON SELLSTEDT AND CHARLES JOHN GUNNOSSO.

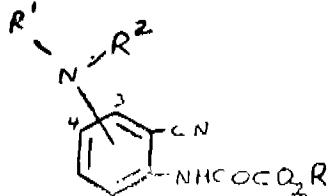
Application No. 176/Cal/77 filed February 7, 1977.

Convention date February 23, 1976/(351/76) IRELAND.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

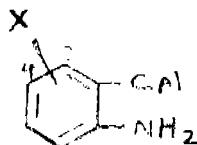
28 Claims.

A process for the preparation of a compound having the formula I.



in which the group $-NR'NR''$ appears in the designated 3- or 4-position; R is hydrogen, a pharmaceutically acceptable cation, alkyl of 1 to 6 carbon atoms, aralkyl of 7 to 8 carbon atoms or cycloalkyl of 3 to 6 carbon atoms; R¹ and R² are independently hydrogen; alkyl; alkenyl or alkynyl of 1 to 9 carbon atoms, inclusive; cycloalkyl of 5 or 6 carbon atoms; aralkyl of 7 to 9 carbon atoms; aryl of 6 to 10 carbon atoms; furfuryl or aromatic heterocycl; or R¹ and R², together with the nitrogen to which they are attached, are aziridinyl, azetidinyl, pyrrolodinyl, piperidino, piperazinyl, 4-lower alkyl-piperazinyl, morpholino or thiomorph-

pholino; or a pharmaceutically acceptable acid addition salt thereof, wherein a compound having the formula II.



wherein X is at the designated 3- or 4-position and represents -NR¹R² (where R¹ and R² are as defined above) or a protected form of the group of formula -NHR² (where R² is as defined above) is coupled with a compound having the formula A-B wherein A represents carboxyl or a reactive derivative thereof and B represents -CO₂R (where R is as defined above) or a protected form of carboxyl as procursor for free or salified carboxyl, A and X being so chosen as to be essentially unreactive towards each other under the process conditions, and, where appropriate, the product is subjected to treatment in manner known per se to remove a protecting group from X and/or to convert a protected form of carboxyl as B into a free or salified carboxyl group and, if desired, a compound having formula I is converted into a pharmaceutically acceptable salt thereof by addition of an acid or a base or a salt form of a compound of formula I is converted into a compound of formula I by addition of an acid or a base.

CLASS 129E & G. 145756.

Int. Cl.-B23p 11/00.

A METHOD FOR THE MANUFACTURE OF CLADD-ED BARS, FLATS, SHEETS OR STRIPS.

Applicant & Inventor : RAJIV MONGA, OF 17 CAMAC STREET, CALCUTTA-700017, WEST BENGAL, INDIA.

Application No. 513/Cal/77 filed April 5, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A process for the manufacture of cladded metallic bars, flats, sheets or strips which comprises in first heating at least one cladding bar and at least one bar to be cladded to a temperature below the melting temperature of said bars, removing the said bars from the furnace and subjecting the same to the step of forging, while still being in a heated state, and thereafter passing the composite bar through a rolling mill, said step of forging being carried out in a width die and by a forging hammer such as to effect a reduction in the thickness of the composite bar and further to form said composite bar.

CLASS 116H & 166A. 145757.

Int. Cl.-B66v 23/00.

DOUBLE JIB CRANE.

Applicant : O & K ORENSTEIN & KOPPEL AKTIENGESELLSCHAFT, OF EINSIEDELSTRASSE 6, LUBECK, FEDERAL REPUBLIC OF GERMANY.

Inventor : EGON FRICK.

Application No. 578/Cal/77 filed April 14, 1977.

Division of Application No. 1956/Cal/74 filed August 30, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A crane as set forth in Indian Patent specification No. 143055 wherein said second jib is shorter than said first jib, and with the first and second jibs in a position parallel to each other, said second tower and the inner end of the second jib are offset forwards relative to said first tower and the inner end of the first jib, respectively.

CLASS 13A & 143D.

145758.

Int. Cl.-B32b 11/00, B32b 33/00, B65d 77/00.

AN IMPERMEABLE BAG FOR PACKAGING OF CEMENT.

Applicant : THE DIRECTOR GENERAL, CEMENT RESEARCH INSTITUTE OF INDIA, M-10, SOUTH EXTENSION II, RING ROAD, NEW DELHI-49, INDIA.

Inventor : DR. HOSAGRAHA CHANDRA SHEKARIA VISVESVARAYA.

Application No. 46/Del/77 filed March 11, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings.

An impermeable bag for packaging of granular and powdery materials, such as cement, comprising a laminate consisting of an overlay and underlay, a bitumen layer disposed therebetween and having a weight of 0.02 to 0.04 gms/cm², said overlay and underlay consisting of a porous fabric.

CLASS 24B.

145759.

Int. Cl.-F16d 51/22.

A BRAKE SHOE ASSEMBLY.

Applicant : BRAKES INDIA LIMITED, PADI, MADRAS-600 059, TAMIL NADU, INDIA.

Inventors : MR. NAGENAHALLI KHADER MOHAMMED SHAFI AND VADREVU TIRUPATI VENKATA SRI RAMACHANDRA RAO.

Application No. 139/Mas/76 filed July 29, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

2 Claims.

A brake-shoe assembly for use in the cam-brake system of a vehicle comprising a brake-shoe provided with a recess on its web, at the region of operation of a cam of the system; and a wearing pad, of a shape corresponding to the shape of the recess, with four cam-bearing faces, the wearing pad being inserted in the recess and resting against the bottom thereof, the arrangement being such that the wearing pad is readily removable from the recess, whenever necessary, and then re-insertable therein, after being reversed or inverted in position, so as to expose any one of its cam-bearing faces to the cam.

CLASS 101E & 102C.

145760.

Int. Cl.-G01f.

VOLUMETRIC FLOWMETER.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor : JOHN STEPHEN WYLER.

Application No. 415/Cal/76 filed March 9, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

Volumetric flowmeter apparatus comprising: generating circuitry for generating respecting electrical signals each proportional to average fluid velocity intersecting a respective one of n paths in a pipe;

weighting circuitry for multiplying the generated signals by a respective weighting factor w_i; and summing circuitry for summing the multiplied signals; characterized in that each of the n paths being positioned such that the projecting of the path onto a reference plane perpendicular to fluid flow in said pipe is located at a distance of R_x_i from the center of said pipe;

where :

R is the pipe radius

i is a particular path number,

$$W_i = \frac{\pi}{n+1} \sin^2 \frac{\pi}{n+1}, \text{ &}$$

$$x_i = \cos \frac{i \pi}{n+1}.$$

CLASS 85S & 126D.

145761.

Int. Cl.-B01d 50/00.

A SMOKE METER FOR MEASUREMENT OF SMOKE DENSITY OF EXHAUST GASES OF DIESEL VEHICLES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : NARAYAN VENKATARAMAN IYER, BALDEV KUMAR RANA, HARBNS SINGH SEWAK, OM DUTT SHARMA, BUDH PRAKASH PUNDIR, PURDUMAN SINGH PHULL AND JAYDEV MOHAN-LAL DAVE.

Application No. 53/Del/76 filed December 7, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A smokemeter for the measurement of the smoke density of exhaust gases of diesel vehicles comprises of a device which consists of a filter paper firmly held on exhaust tail pipe of the vehicle and a flap shutter return spring mechanism to expose a desired area of the filter paper to the exhaust gases, to take a stain of the exhaust smoke for further assessment and evaluation.

CLASS 98G.

145762.

Int. Cl.-F28d 21/00.

CLOSED LOOP CONTROL APPARATUS FOR STARTING A STEAM-HEATED HEAT EXCHANGER.

Applicant : BBC BROWN, BOVERI & COMPANY LIMITED, OF BADEN, SWITZERLAND.

Inventor : GERHARD WEISS.

Application No. 2311/Cal/75 filed December 6, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

Closed loop control apparatus for starting a steam-heated heat exchanger by controlling the heating-steam pressure, where a correcting variable is established by a controller from an actual pressure value, measured by an actual pressure transmitter, and from a reference value generated by a reference value generating device and where the heating-steam pressure is modified by at least one control valve on the basis of said correcting variable, which comprises : a SP1 generator (9) generating the pressure set value SP1; a SP2 generator (10) generating the pressure set value SP2; a ST generating device (11) generating the pressure set value ST; a smallest value selector (12) connected between the SP1-generator (9) and the ST-generating device (11), providing an intermediate pressure set value S'; and a largest value selector (13) connected between the smallest value selector (12) and the SP2 generator (10), and generating a pressure reference value S (Fig. 2, 3, 4).

CLASS 56A & D.

145763.

Int. Cl.-C02b 1/06.

APPARATUS FOR DESALINATING SEA WATER.

Applicant : SNAMPROGETTI S.P.A., OF CORSO VENEZIA 16, MILAN, ITALY.

Inventor : GIORGIO PAGANI.

Application No. 957/Cal/76 filed June 2, 1976.

Addition to No. 1487/Cal/73.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A multiple effect apparatus (as hereinbefore defined), suitable for recovering water from a saline solution, which apparatus comprises :

(a) at least one vertically or substantially vertically disposed column divided into a plurality of compartments one above another :

(b) a plurality of vertically or substantially vertically disposed tubes which are intended to act as film evaporators and which are provided in each compartment, apart from the lowermost compartment of the or each column :

(c) at least one tank provided in each compartment; wherein

(i) each tank apart from that or those in the lowermost compartment of the or each column, is in communication at its lower end region with the interior of the upper end region of the tubes in the same compartment;

(ii) each tank, apart from that or those in the uppermost compartment of each column, is in communication at its upper end region with the interior of the lower end region of the tubes in the immediately overhead compartment;

(iii) each tank, apart from that or those in the uppermost compartment of the or each column, is provided in an upper region of the tank side wall with at least one aperture :

(d) means for conveying condensate from the lowermost region of each compartment, apart from the lowermost compartment of the or each column, to the next lower compartment :

(e) means for introducing saline solution into the tank(s) in the uppermost compartment of the or one column;

(f) means for introducing steam into the uppermost compartment of the or one or each column;

(g) means for discharging water from the lowermost compartment of the or each column;

(h) means for discharging saline solution from the tank(s) of the lowermost compartment of the or each column; and

(i) means accommodated within at least one of the tanks for preheating, but heat exchange with hot water vapour in that or those tank(s), saline solution prior to its being subjected to its first evaporating step :

The arrangement of the apparatus being such that, in use, saline solution passes as a film in the tubes from one tank in one compartment to one tank in the next lower compartment and is heated by hot water vapour in said one compartment, which hot water vapour is condensed and conveyed as condensate to said next lower compartment, and some of the saline solution passing to the tank in said next lower compartment evaporates to produce hot water vapour passes through said aperture(s) of the tank of the said next lower compartment and heats the tubes in said next lower compartment.

CLASS 173A.

145764.

Int. Cl.-B05b 7/00.

IMPROVED LIQUID ATOMIZING INJECTOR.

Applicant : VSESOUZNY NAUCHNO-ISSLED OVAL-TELSKY INSTITUT TEKHNICHESKOGO UGLEROADA, 5 KORDNAYA 29, OMSK, USSR.

Inventors : GENNADY VASILIEVICH BABICH, (2) MIKHAIL YAKOVLEVICH BOBRIK, (3) GEORGY ALEXANDROVICH BELYAEV AND NIKOLAI KALISTRAVICH KORENYAK.

Application No. 1870/Cal/76 filed October 13, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

An improved liquid atomizing injector comprising a cylindrical chamber with tangential counter opposed holes for supplying air into said cylindrical chamber, a nozzle communicating with said cylindrical chamber to discharge air out of it, the said nozzle has a smaller diameter than that of cylindrical chamber to create acoustic vibrations inside the nozzle during the period of supplying air through it, a liquid delivery pipe passing through said cylindrical chamber and located co-axially to said nozzle, the pipe having a blind butt end and at least one liquid discharge hole located in the zone defined by the annular space between the nozzle and the liquid delivery pipe characterised by that the inner surface of the nozzle is parallel to its axis and the blind butt end of said pipe is located inside the nozzle leaving a designed optimum distance, between the point of exit of the liquid through the delivery pipe and the exit end of the nozzle, being in the range of 0.5—4.5 cm., the said optimum distance designed to ensure direct delivery of the liquid into the generating zone of acoustic vibration where the acoustic energy been just arisen and not yet dissipated.

CLASS 40B & 56B.

145765.

Int. Cl.-C10g 11/18, B01j 11/04.

FLUIDIZED CRACKING CATALYST REGENERATION PROCESS AND APPARATUS.

Applicant : EXACO DEVELOPMENT CORPORATION, OF 135 EAST 42ND STREET, NEW YORK, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : DORRANCE PARKS BUNN JR., DALE WILLIAMS, HENRY BLANDIN JONES AND JOHN PAUL MACLEAN.

Application No. 105/Cal/77 filed January 27, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims.

A fluidized catalytic cracking process wherein a coke-contaminated, spent cracking catalyst as herein described is regenerated by burning coke therefrom at an elevated temperature with a molecular oxygen containing regeneration gas for producing a regenerated catalyst and flue gas comprising oxides of carbon, which comprises :

(a) flowing hot, spent catalyst substantially vertically downward into a first regeneration zone;

(b) flowing oxygen containing primary regeneration gas radially into said first regeneration zone under conditions of turbulent flow, for intimately mixing said spent catalyst and primary regeneration gas within said first regeneration zone;

(c) flowing said primary regeneration gas and spent catalyst mixture into the bottom of a second regeneration zone which comprises a dense phase bed of catalyst undergoing regeneration fluidized by the flow of regeneration gas therethrough, said fluidized dense phase catalyst bed having a top surface, a temperature in the range of 1050-1450°F, a catalyst residence time in the range of 3-20 minutes, a specific coke burning rate in the range of 0.05 to 1.0 lb coke/hour/lb catalyst, and a regeneration gas superficial vapour velocity in the range of about 2.5 to 6.0 ft/sec;

(d) withdrawing, via a regenerated catalyst duct-way, hot regenerated catalyst from the upper portion of said second regeneration zone for contact with a hydrocarbon charge stock in a reaction zone;

(e) flowing spent regeneration gas, substantially depleted in oxygen and containing entrained catalyst, from the top of said fluidized dense phase catalyst bed into a transition zone where the regeneration gas superficial vapour velocity reduces such that a major portion of entrained catalyst returns to said dense phase bed under the influence of gravity and such that a dilute phase of catalyst entrained in spent regeneration gas is formed;

(f) flowing said dilute phase of catalyst entrained in spent regeneration gas into a third regeneration zone; operat-

ing at a regenerating temperature in the range specified in step (c) at a lower vapour velocity than that specified in step (c);

(g) separating, in a separation zone, said dilute phase into a flue gas essentially free of entrained catalyst and separated catalyst;

(h) venting said flue gas from the fluidized catalytic cracking process; and

(i) flowing said separated catalyst from said separation zone to said first regeneration zone for admixture with additional spent catalyst and primary regeneration gas.

CLASS 55D₂ & F₁ & E₁.

145766.

Int. Cl.-A01n 9/00, A61k 27/00.

A METHOD FOR PRODUCING BIOLOGICALLY ACTIVE COMPOSITION HAVING ENHANCED BIOLOGICAL EFFECT.

Applicant : KOMMANDITBOLAGET KOCKUMS CHEMICAL AB & CO., OF NYA AGNESFRIDSVAGEN 181, S-213 75 MALMO, SWEDEN.

Inventors : KJELL GUNNAR BLIXT, ROLF JUHLIN AND MANDAYAM TIRU.

Application No. 806/Cal/77 filed May 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims. No drawings.

A method for producing a biologically active composition having enhanced biological effect, comprising evenly distributing a biologically active substance or a precursor thereof, together with optional additives, as a layer on an inactive, solid finely divided inorganic carrier preferably having a surface area of at least 50 m²/g in a weight ratio of from 1 : 10⁶ to 1 : 1, and selecting the amount of the biologically active substance per unit of weight of the composition comprising biologically active substance and carrier to be from 1/2 to 10⁻⁵ of the amount per unit of weight which when used is required for obtaining the same effect with a conventional composition of the biologically active substance.

CLASS 32F₁.

145767.

Int. Cl. C07d 43/02.

A PROCESS FOR THE PREPARATION OF N-6-CHLORONICOTINOYL-D, L-HOMOCYSTEINE THIOLACTONE.

Applicant : SIGMA-FAU INDUSTRIE FARMACEUTICHE RIUNIONI S.P.A. OF 47, VIALE SHAKESPEARE, 00144 ROME, ITALY.

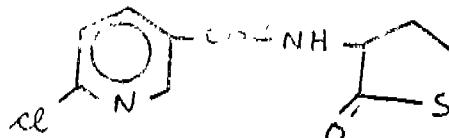
Inventor : DE WITT DR. PAOLO AND RAMACCI DR. MARIA TERESA.

Application No. 1234/Cal/77 filed August 9, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Process for the preparation of the compound having the formula 1.



characterized by the fact that 6-chloronicotinic chloride hydrochloride is made to react with homocysteine thiolactone hydrochloride in an inert and anhydrous solvent and in the presence of an excess of pyridine or other tertiary organic basic compounds and optionally treating the compound of formula 1 so obtained with acids such as herein

described to form the pharmacologically acceptable salts thereof.

CLASS 144E. 145768.
Int. Cl. C09d 3/00.

PROCESS FOR THE PREPARATION OF WATER THINNABLE RESIN VARNISHES FROM CASHEW NUTSHELL LIQUID BASED RESINS.

Applicant & Inventor: PRAPHAKAR GAJANAN AGASHE & RAMESH CHANDRA MISRA, BOTH INDIAN NATIONALS, C/O BHARAT HEAVY ELECTRICALS LIMITED, R & D UNIT BHOPAL, MADHYA PRADESH, INDIA.

Application No. 144/Bom/75 filed May 30, 1975.

Complete Specification left, June 5, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

7 Claims. No drawings

Process for the preparation of water thinnable resin varnishes such as cardphenol base novolac resin varnish and resol resin varnish which comprises :

- (i) treating cashewnut shell liquid with formaldehyde for formaldehyde source such as formaline to obtain resin;
- (ii) preparing malenised oil by treating linseed oil fatty acid and/or alkali refined linseed oil with maleic anhydride;
- (iii) reacting the obtained product of step (i) with the obtained product of step (ii) to obtain adduct; and finally;
- (iv) neutralising the obtained adduct of step (iii) with amine, ammonia or hexamine-ammonia mixture to make the adduct water soluble.

CLASS 136C & E. 145769.
Int. Cl. B29d 23/04 B29f 3/00.

AN EXTRUSION DIE FOR USE IN THE MANUFACTURE OF TUBULAR FILMS.

Applicant: LAMINA INDUSTRIES PRIVATE LIMITED OF 21 INDUSTRIAL ESTATE, POLOGROUND INDORE, MADHYA PRADESH, INDIA.

Inventor: DINKAR SADASHIVA DEODHAR AND HARINDRA CHUNIBHAI PATEL.

Application No. 208/Bom/75 filed August 2, 1975.

Complete Specification left August 2, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

An extrusion die for use in the manufacture of tubular film comprising an adapter mountable at its one end on the die of an extruder and having a substantially horizontal flow channel; an upright elbow mounted at the other end of said adapter remote from said one end thereof and having a central bore in which a spindle is detachably fitted, said spindle being provided with an annular flow channel having an inner wall and an outer wall which annular flow channel at its upper end terminates in an annular die opening and at its lower end has a smooth bend so that a thermoplastic material extruded horizontally from the extruder through the flow channel of the adapter is channeled to move smoothly upwards towards the die opening; an eccentric ring mounted coaxially on the inner wall of the annular flow channel at the bend so as to provide in said annular flow channel a narrow clearance on the extruder side and a relatively larger clearance on the side remote from said extruder a multi-thread mounted coaxially around the inner wall of said annular flow channel and above said eccentric ring along with a choke ring provided coaxially around said multi-thread such that the flow of the thermoplastic material would occur between said multi-thread and the choke ring; a downwardly tapering pin mounted coaxially on the inner wall of the flow channel at the die opening end thereof and a horizontally adjustable bush mounted coaxially on said upright elbow and around said tapering pin such that the flow of the thermoplastic material would occur between said multi-thread and the choke ring; a downwardly tapering pin mounted

coaxially on the inner wall of the flow channel at the die opening end thereof and a horizontally adjustable bush mounted coaxially on said upright elbow and around said tapering pin such that the flow of the thermoplastic material would occur between said tapering pin and said horizontally adjustable bush; adjustment means provided on the upright elbow for adjusting the position of said horizontally adjustable bush relative to said downwardly tapering pin; a gas pipe provided axially through said spindle for the flow of gas from a gas supply source into the tubular film formable at the die opening of the extrusion die; and heating and temperature control means provided on each said adapter and said elbow for maintaining the extrusion die at a controlled temperature.

CLASS 154D & G & 208. 145770.

Int. Cl. B41m 5/00.

PROCESS FOR MANUFACTURE OF PRESSURE RUPTURABLE MICROSCOPIC CAPSULES CONTAINING DYES OR POTENTIAL DYES.

Applicant & Inventor: BASIIR HAFIZUDDIN KADRI, OF 9011, NORTH BRONX, APT. 1, SKOKIE, ILLINOIS-60076, U.S.A.

Application No. 216/Bom/75 filed August 8, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

Complete specification left August 23, 1976.

5 Claims.

A process for the manufacture of pressure rupturable microscopic capsules containing a dye or potential dye such as lactose forms of malachite green and crystal violet and 3, 3 di(p-dimethylamino phenyl) 6 dimethyl amino phthalide lactone comprising dispersing or dissolving the dye in an oil e.g. mineral oils, sperm oil, animal oils, corn oils and chlorinated diphenyl and forming an oil in water emulsion by methods known per se, adding gelling material, e.g. gum arabic and/or gelatin dissolved in water at alkaline pH and mixing well to obtain particles of dye-in-oil encapsulated in the gelling material, such particles being in emulsion, adding water to the mixture so obtained with constant stirring for coagulation of said particles, all the steps of the process being carried out at a temperature of 50°C.

CLASS 63B. 145771.

Int. Cl. H02k 3/00.

IMPROVEMENTS IN OR RELATING TO BRUSHLESS ALTERATORS.

Applicant & Inventor: ASHOK CHOPRA, OF 56, ASHOKA APARTMENTS, 1, JAGMOHANDAS MARG, BOMBAY-400 006, MAHARASHTRA, INDIA.

Application No. 278/Bom/75 filed October 15, 1975.

Complete specification left, January 15, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

5 Claims.

A brushless alternator comprising a solid laminated rotor; a stator and conventional means for rotating the rotor characterised in that the said rotor is magnetised and is a squirrel cage rotor and the said stator consists of both excitation and output windings mounted in a laminated core, excitation may proceed by one or more capacitors connected to the excitation windings.

CLASS 1-80. 145772.

Int. Cl. F24c 3/00.

A PORTABLE GAS STOVE.

Applicant & Inventor: SHRI MAHESH ANANTRAI PATTANI, VISHWA VILLA, LABORNUM ROAD, BOMBAY-7, (W.B.) MAHARASHTRA, INDIA.

Application No. 26/Bom/76 filed January 20, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

11 Claims

A portable gas stove comprising a combination of :

(i) a gas cylinder carrying a screw threaded boss to which is fitted a double ended nipple carrying a spring tensioned ball valve tensioned by a coil spring and said cylinder is provided with a pair of hingeably mounted brackets forming a grip-cum-stand for supporting thereon a cooking vessel and for carrying it from one place to another;

(ii) a T-socket having a labyrinth passage and carrying a manually operable valve assembly for opening an shutting gas fuel supply from the cylinder to burner and to bottom end of said socket is provided a boss carrying a washer and a downwardly extending screw threaded extension carrying a transverse hole and bottom end face thereof is narrowed and extended further downwardly to form an extension having a hemispherical depression forming a seat for spring tensioned ball valve of the gas cylinder when said T-socket is threaded to said double ended nipple of the gas cylinder and permits gas from the cylinder to flow into passage formed in said T-socket and which gas flow is controlled by operating the said needle valve;

(iii) a gas flow regulator formed from a double ended nipple having a vertically extending passage in which is fitted a gauze wire plug forming a gas flow regulator and upper end of said nipple carries internal and external screw threads and the bottom end carries external screw threads, and to said internal screw threads is fitted a gas jet and said nipple when fitted to the upper end of said T-socket acts as a regulator for regulating the gas pressure from the cylinder to the stove burner;

(iv) a gas burner assembly consisting of a tubular pipe socket carrying four holes formed in a line near its bottom periphery and a disc plate carrying a tapering gauze wire ring covered by a tapering top cover carrying a perforated skirt is fitted to upper end of said pipe socket and the bottom end thereof carries internal screw threads for threading the gas burner to the gas jet end of double ended nipple forming gas flow regulator.

CLASS 29A.

145773.

Int. Cl. G06f 15/00.

SEISMIC DATA PROCESSING SYSTEM AND METHOD.

Applicant : WESTERN GEOPHYSICAL COMPANY OF AMERICA, AT 360 NORTH CRESCENT DRIVE BEVERLY HILLS, CALIFORNIA 90210, UNITED STATES OF AMERICA.

Inventors : GEORGE TADEUSZ MIODUSKI (2) PAUL MCDONALD MORGAN (3) CARL HERTZ SAVIT AND LEE EDWARD SIEMS.

Application No. 726/Cal/76 filed April 27, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

31 Claims

A system for seismic data telemetry having : central station; a plurality of seismic data acquisition units; a common digital-data signal link; a first and a second control-signal link coupling the central station and the data acquisition units, said two control-signal links having different signal propagation velocities; and control circuits associated with the data acquisition units and responsive to the coincidence of control signals received over the respective control-signal links for performing a desired control function in a data acquisition unit when signal coincidence is detected in that unit.

CLASS 66-B.

145774.

ELECTRIC FLASHLIGHT.

Applicant : UNION CARBIDE INDIA LIMITED, OF 1, MIDDLETON STREET, CALCUTTA-700 016, WEST BENGAL, INDIA.

Inventors : PARTHA DEB PAL & DEVANAND TRIPATHI.

Application No. 796/Cal/76 filed May 7, 1976.

Complete Specification left. July 15, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An electric flashlight comprising a casing made of plastics material which is of low density or resilient, said casing being closed at bottom and open at top, a spring at bottom of said casing; dry cell battery or batteries on said spring; wall of said casing bent inwards at top edge and shaped so as to give a polygonal such as quadrangular plan view and having dimension pre-determined to permit a reflector assembly to be inserted or forced therethrough edgewise along a diagonal but not to come out once said assembly is inserted and rotated to seat it on the or top dry cell battery; a wire strip extending from the spring along the wall of the casing and terminating opposite the reflector of the reflector assembly near the top of the casing.

CLASS 53C & 134A.

145775.

Int. Cl. B62k 23/08; B62m 7/04; 23/02.

ELECTRICALLY ASSISTED PEDAL-PROPELLED VEHICLES.

Applicant : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM, ENGLAND.

Inventors : WILLIAM DAVIT HOLT.

Application No. 1139/Cal/76 filed June 26, 1976.

Convention date July 3, 1975(27956/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

An electrically assisted pedal—propelled vehicle having an electric motor for assisting propulsion of the vehicle, a pedal propulsion mechanism including at least one rotary drive member and an electronic motor control circuit including a pair of switches mounted adjacent one another an operating member for said switches, means for detecting the order of operation of the said switches, either the switches or the operating member being mounted on the drive member and the other being mounted on fixed part, said motor control means controlling said drive member and sensitive to rotation of said rotary drive member, said circuit causing the motor to be energised when the drive member is rotated by the pedal propulsion mechanism in a forward drive direction, but causing the motor to be de-energised when the drive member is stationary or rotated in the reverse direction.

CLASS 129-G.

145776.

Int. Cl. B21j 9/06.

SWAGING DIES.

Applicant : CCL SYSTEMS LIMITED, OF CABCO HOUSE, 296-304 EWELL ROAD, SURBITON, SURREY, ENGLAND.

Inventor : HUGH JEREMY WILLIS EDWARDS & CEDRIC GWILLIAM BIRKS.

Application No. 236/Cal/78 filed March 4, 1978.

Convention date August 4, 1975(32600/75) U.K.

Division of Application No. 1393/Cal/76 filed August 4, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

For use in a press for swaging a sleeve on to a concrete-reinforcing bar or wire rope, swaging dies comprising a pair of opposed co-acting high strength metal members each provided with a longitudinally extending recess having a ribbed portion in which at least two longitudinally extending ribs are upstanding, the ribs being positioned such that when the two metal members are in contact the ribs are equally spaced one from another around the conjoined recesses.

CLASS 68-D.

145777.

Int. Cl. H02h 100.

A SERIES CAPACITOR INSTALLATION FOR OVER VOLTAGE PROTECTION EQUIPMENT OF HIGH VOLTAge ALTERNATING CURRENT TRANSMISSION LINES.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor : BARRY LYN HOLTZMAN.

Application No. 641/Cal/76 filed April 15, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A series capacitor installation for overvoltage protection equipment of high voltage alternating current transmission line, characterised by a circuit branch in parallel with said capacitor containing a spark gap device responsive to a predetermined voltage level by bypassing said capacitor and a nonlinear resistor connected in series with said spark gap device so as to exhibit increasing voltage drop with corresponding increasing current at which the current can increase further at least an order of magnitude without appreciable increase in voltage drop.

CLASS 206-A.

145778.

Int. Cl. H01q 1/00

MICROWAVE ANTENNA CONNECTION.

Applicant : TAVKOZLESI KUTATO INTEZET, OF GABOR ARON UT 65, 1026 BUDAPEST, HUNGARY.

Inventor : SANDOR FOLDES.

Application No. 1559/Cal/76 filed August 25, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

3 Claims.

A microwave antenna connection, characterized in that the positive half, which may be called the plug, of the connection is mounted on to the container of an open antenna, of an outdoor microwave equipment, the negative half, which may be called the socket, is mounted on to the antenna, both connecting parts being shaped conically, with thick walls, with a cylindrical matching surface, with a larger and smaller diameter respectively, of high mechanical loading capacity which is distributed on the cylindrical surface/s on the ends of the connection fitted to each other.

CLASS 15D.

145779.

Int. Cl. F16c 17/02, 17/26; 23/04.

RADIAL BEARING ARRANGEMENT FOR A ROTOR,

Applicant : ESCHER WYSS LIMITED, OF HARDS-TRASSE 319, 8023 ZURICH (SWITZERLAND).

Inventor : HELMUT MILLER.

Application No. 1831/Cal/76 filed October 6, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2-377GI/78

18 Claims.

Radial bearing arrangement for a rotor of large diameter, the said rotor comprising an annular surface which is concentric with the rotor axis, is situated in the peripheral region of the rotor, and with which there co-operate bearing shoes which are mounted in the foundation and by means of which the rotor bears on the foundation, characterised in that the rotor (1) is radially supported relatively to the foundation (3) at least in the main supporting direction (a, b, c) and that at the most the bearing shoes (4¹, 4²) acting in two main supporting direction (a, b) are mounted in a shape-holding fashion relatively to the foundation (3) whereas the other bearing shoes (4³ to 4⁶) are mounted with a force-holding arrangement to be radially displaceable relatively to the foundation (3).

CLASS 116G & 164C.

145780.

Int. Cl. B65f 500.

APPARATUS FOR REMOVING BULK MATERIAL FROM A DUMP OR STOCKPILE.

Applicant : GUSTAV SCHADE MASCHINENFABRIK GMBH & CO., OF D-4600 DORTMUND, AM ROSEN-PLATZ/CHEN 120, FEDERAL REPUBLIC OF GERMANY.

Inventor : GERHARD FISCHER

Application No. 47/Cal/77 filed January 14, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

30 Claims.

Apparatus for progressively removing bulk material from a dump or stockpile having a generally trapezoidal cross-section, comprises a gantry having abridging girder extending between a pair of end supports, at least one of the supports being movable along a track alongside the dump or stockpile, means supported by the gantry for scraping material from the top of the dump or pile, and means for jointly raising or lowering both the scraper means and the girder between the end supports, each end support including guide means which laterally retain the girder perpendicular to its longitudinal axis while permitting free vertical movement of the girder.

CLASS 31A & 48C.

145781.

Int. Cl. H01g 3/04; 3/18.

AN ELECTRICAL CAPACITOR AND A METHOD OF PREPARING SOME.

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY 5, NEW YORK, UNITED STATES OF AMERICA.

Inventors : DAVID GLENN SHAW.

Application No. 114/Cal/77 filed January 28, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

An electrical capacitor comprising in combination a roll section having alternate layers of a dielectric strip and metallic electrode, a casing having the said roll section contained therein, electrical connection connecting said electrodes to terminals on said casing, characterised by a dielectric liquid impregnant in said casing essentially completely impregnating said roll section which comprises the composition in combination

(a) a dielectric non halogenated liquid which is hydrogen gas negative between 40° and 100°C.

(b) and an olefinic material dissolved therein said olefin having a significantly higher hydrogen gas negative value than said dielectric liquid medium.

CLASS 172E. 145782.

Int. Cl. B65H.

A DEVICE FOR CONTROLLING THE TENSION OF YARN UNWINDING FROM A YARN SUPPORTING BODY.

Applicant : SAVIO & C. S.P.A. OF CORSO BUENOS AIRES, 79, MILAN, ITALY.

Inventor : ERMANNO SAVIO, (2) SERGIO CALAMANI, & FUGENIO TURRI.

Application No. 260/Cal/77 filed February 22, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A device for controlling the tension of yarn unwinding from a yarn bearing body, particularly from a yarn storing and supplying apparatus to using machines, wherein the device comprises two discs facing each other and coaxial with said yarn bearing body, to which one of said discs is integral, while the other disc, having an axial hole passing therethrough for the passage of the yarn of which the tension has been controlled, is integral with a fixed bracket, the opposite faces or surfaces of the discs being shaped so that at least one of the discs has at least one annular recess coaxial with said one disc, and that at least the other disc has at least one annular projection coaxial with said other disc, the surface of said annular projection being substantially complementary with that of said recess, within which said projection is positionable.

CLASS 190B & C. 145783.

Int. Cl. F01d 25/00.

IMPROVEMENTS IN OR RELATED TO A CORE BOX.

Applicant : PROIZVODSTVENNOE OBIEDINENIE TURBOSTROENIA "LENINGRADSKY METALLICHESKY ZAVOD" OF LENINGRAD, SVERDLOVSKAYA NABEREZHNAIA, 18, U.S.S.R.

Inventors : MIKHAIL VASILIEVICH ZOTOV, (2) VLADIMIR VASILIEVICH MERKULOV, & ALEXEI ALEXEEVICH SMIRNOV.

Application No. 421/Cal/77 filed March 23, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim.

A core box for manufacturing cores for a steam turbine cast iron diaphragm casting comprising a framework with a bottom having a substantially semicircular cavity with removable blades, radially placed therein, limited by outer and inner curves concentric surfaces wherein at each end of cavity 3 (Fig. 1) the outer circle 4 (Fig. 1) extends beyond the diametrical line M N (Fig. 1) by extent and inner circle extends beyond the said line M N (Fig. 1) by extent and where

$$h_{ext} = K (R - r) \text{ and}$$

$$h_{int} = h_{ext} \times \frac{r}{R}$$

where $k = (9 \dots 12) \times 10^{-3}$

R is the radius of the outer semi-circular arc of the cavity and

r is the inner radius of the semi-circular cavity.

CLASS 32Fb. 145784.

Int. Cl. C07d 27/56.

A PROCESS FOR PREPARING INDOLYLACETIC ACID DERIVATIVES.

Applicant : PIERREL S.P.A. OF VIA TURATI, 30 MILAN, ITALY.

Inventor : SILVIA TRICERI ZUMIN & ALBERTO BIANCHETTI.

Application No. 585/Cal/77 filed April 16, 1977.

Convention date May 19, 1976 (20596/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A process for the preparation of 1-(p-azidobenzoyl)-5-methoxy-2-methyl-3-indolylacetic acid and its pharmaceutically acceptable salts, which comprises subjecting 1-(p-aminobenzoyl)-5-methoxy-2-methyl-3-indolyl-acetic acid to diazotization followed by treatment with hydrazoic acid, and if desired, converting the products thus obtained to their pharmaceutically acceptable salts.

CLASS 62C. 145785.

Int. Cl. C09b 67/00.

PROCESS FOR THE MANUFACTURE OF DYESTUFF PREPARATIONS.

Applicant : CIBA-GEIGY OF INDIA LIMITED, OF AAREY ROAD, GOREGAON EAST, BOMBAY-400063, MAHARASHTRA, INDIA.

Inventor : DR. KESHAR VINAYAK DATYE.

Application No. 259/Bom/75 filed September 23, 1975.

Complete specification left. September 22, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

13 Claims.

A process for the manufacture of dyestuff preparations containing non-ionic dyestuffs such as herein described and wood material such as herein described, wherein the wood material is chemically modified by converting the surface hydrophilic groups into hydrophobic groups as herein described, during when the non-ionic dyestuffs are being deposited or embedded on the wood material or after the non-ionic dyestuffs are deposited or embedded on the wood material.

OPPOSITION PROCEEDINGS

(1)

The opposition entered by Radio Foundation Engineering Limited and Hazarat and Company to the grant of a patent on application No. 141887 made by Dr. Mrs. Sujata Ghosh Dastidar as notified in Part III, Section 2 of the Gazette of India dated the 12th November, 1977 has been dismissed and a patent ordered to be sealed on the application.

(2)

Opposition entered by Orissa Cement Limited to the grant of a Patent to Gopeshwar Saha on his Application No. 139071, as notified in the Gazette of India, Part III, Section 2, dated the 9th October 1976, has been dismissed.

CORRECTION OF CLERICAL ERRORS

Under section 78(1) of the Patents Act, 1970, certain clerical errors in the specification of patent application No. 144366 (earlier numbered as 1379/Cal/76) were corrected on 8th November 1978.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

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139908.

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140161 140162 140173 140178 140179 140186 140188.

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140276 140282 140284 140285.
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PATENTS SEALED

142449 142536 142570 142620 142749 142785 142909 142995
143030 143038 143113 143345 143354 143518 143525 143527.

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by Ralph Reeves-Saunders in respect of patent application No. 143778 as advertised in Part III, Section 2 of the Gazette of India dated the 29th July, 1978 have been allowed.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.
(PATENTS)

Assignments, licences or other transaction affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

141268. . . . M/s. Embart Industries Inc.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

| No. | Title of the invention. |
|-------------------|--|
| 82539 (20.4.72) | Method for the production of pyrrolidine compounds. |
| 84683 (20.4.72) | Process for the preparation of 17-alkyl steroid ketones related to 19 nortestosterone. |
| 84684 (20.4.72) | Process for the preparation of unsaturated 17-alkyl steroid ketones. |
| 85126 (20.4.72) | Process for the preparation of N-(2, 3-dimethyl-phenyl) anthranilic acid and its salts. |
| 87733 (20.4.72) | Process for the preparation of aryl N-substituted thioxocarbamates. |
| 90561 (20.4.72) | Process for the preparation of imidazole derivatives. |
| 102724 (20.4.72) | Process for the preparation of bicyclo (2, 2, 2) oct-5-ene-2, 3 dicarboxylic anhydride. |
| 121570 (20.4.72) | Process for the preparation of phenyl-pyrazolodiazepinone compounds. |
| 127917 (20.4.72) | Process for the preparation of 1-phenoxy-3-piperazinyl-2-propanol compounds. |
| 136462 (15-11-72) | Process for the preparation of N-(diethylaminoethyl)-2-methoxy-5 methyl sulphonyl benzamide. |
| 136496 (18.8.72) | Process for the preparation of hemiacetals of bromal and hydroxil compounds. |
| 136717 (7.10.72) | Process for the preparation of provolone cheese flavouring composition. |

RENEWAL FEES PAID

89522 89544 91014 91298 91471 92173 96477 96595 96596
96780 9678 196806 96828 97187 97614 97828 97829 98355

98541 99899 101680 101768 102754 102895 103059 103077
103084 104672 107452 107918 198138 108226 108288 108389
108585 113114 113541 113557 113609 113781 117273 118085
118493 118882 118943 118951 118970 119056 119075 119168
119210 119211 120327 121768 123913 124100 124220 124228
124326 124413 124431 124565 124569 126522 126550 127677
129155 129156 129174 129267 129289 19367 129369 129371
129525 129653 133655 133836 133912 133983 134083 135357
135728 136027 136586 136630 136815 136880 136901 136945
137089 137445 137827 137834 138315 138791 138792 139459
139745 139808 140233 140279 140453 140457 140558 140789
141013 141414 141127 141317 141340 141553 141668 142007
142101 142170 142283 142350 142942 143090 143179 143195
143196 143214 143235 143256 143271 143292 143310 143316
143377 143395.

CESSATION OF PATENTS

117187 117193 117195 117196 117200 117227 117229 117233
117257 117303 117316 117320 117339 117384 117420 117423
117435 117455 117456 117458 117459 117467 117469 117471
117499 117522 117523 117524 117526 117539 117546 117572
117577 117582 1/7615 117616 117634 117636 117641 117650
117654 117656 117672 117678 117735 117736 117741 117747
117759 117770 117780 117785 117791 117794 117856 117858
117869 117885 117887 117897 117903 117905 117908 117926
117941 117956 117960 117978 117982 117983 140609 141447
142265.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 103932 granted to Franz Plasser Bahnabumaschinen for an invention relating to "mobile track correcting device". The patent ceased on the 17th February 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 2nd September 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 16th February 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 142883 granted to Ashok Kumar and Vijay Kumar for an invention relating to "deep diaphragm walls and a method of constructing same". The patent ceased on the 3rd August 1978, due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 7th October 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 16th February 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration

of Patent No. 124205 granted to A. Ahlstrom Osakeyhtio for an invention relating to "improvements to apparatuses for the manufacture of mineral fibre mats". The patent ceased on the 27th November 1977 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 4th October 1978.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 16th February 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

REGISTRATION DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 147033. Westfield Industries, of 296, P. Nariman Street, 3rd Floor, Sangli Bank Building, Fort, Bombay-400 001, State of Maharashtra, India, a partnership firm registered under Indian Partnership Act. "Container". May 6, 1978.

Class 1. No. 147035. Jasmine Industries, of 82-A, Forres Road, Sharvan House, Bombay-400 008, State of Maharashtra, India, a partnership firm registered under Indian Partnership Act. "Kerosine stove". May 6, 1978.

Class 1. No. 147037. Rex Auto Products, 3060-Bahadurgarh Road, Delhi-110006, an Indian partnership Concern. "Mirror". May 6, 1978.

Class 1. No. 147041. Jyoti Limited, a company incorporated under the provisions of Indian Companies Act, of P.O. Chemical Industries, Industrial Area, Baroda 390 003, State of Gujarat, India. "Contactor switch plate". May 6, 1978.

Class 1. No. 147057. Kamalnain Kedarnath Gupta, Indian National, of 20, Jeenabhai Mulji Rathod Marg & Hussain Patel Marg, Mazgaon, Bombay-400 010, Maharashtra, India. "Coffee percolator". May 11, 1978.

Class 1. No. 147079. Raj Kumar Ghosh, an Indian National of 5/280 Oudhgarbee, Varanasi-221001, U.P. India.

Class 1. No. 147086. Wajilsons Exports, Wajid House Prince Road, Moradabad, Uttar Pradesh, an Indian Partnership firm. "Coffee pot". May 16, 1978.

Class 1. No. 147112. Dumez Engineers Private Limited (a private limited company registered under the Indian Companies Act), at 9/5, New Palasia, Indore-452001, Madhya Pradesh, India. "Hument unit". May 24, 1978.

Class 1. No. 147116. Ramesh Seth, Indian National, trading as International Industries, at 10, Bombay Timber Market, Signal Hill Avenue, Reay Road, Bombay-400010, State of Maharashtra, India. "Potable sterilizer". May 27, 1978.

Class 1. No. 147117. M/s. Paramount Products, a registered Indian Partnership Firm, at 809 Prasad Chambers, Near Roxy Cinema, Bombay-400 004, Maharashtra (India). "Divider". May 30, 1978.

Class 1. No. 147118. M/s. Paramount Products, a registered Indian Partnership Firm, at 809 Prasad Chambers, Near Roxy Cinema, Bombay-400 004, Maharashtra, India. "Compass". May 30, 1978.

Class 1. No. 147152. Companion International, of 60A, Chowringhee Road, Flat No. 12 (3rd floor), Calcutta-700 020, West Bengal, India, an Indian Sole-proprietary Concern. "A single burner kerosine oil stove". July 2, 1978.

Class 1. No. 147160. Racold Appliances Pvt. Ltd. "Vandha" 12th Floor, 11, Tolstoy Marg, New Delhi-110001, India, a Company incorporated in India. "Voltage stabilizer". June 5, 1978.

Class 1. No. 147173. S. G. Industries, Plot No. 44, Opp. Gali No. 6, Industrial Area, New Rohtak Road, New Delhi-110005, an Indian Partnership Concern. "Door spring". June 6, 1978.

Class 3. No. 146145. Tarlochan Singh Bedi, Kalyan Singh Road, Inside Hathi Gate, Amritsar, Punjab, an Indian National. "Container". October 22, 1977.

Class 3. No. 146707. Shewaram & Sons, a registered Indian Partnership firm, at 11, Sutar Chawl, 1st Floor, Bombay-400 002, Maharashtra, India. "Strainer". February 20, 1978.

Class 3. Nos. 147009 to 147011. Philips India Limited of Shivasagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18 (WB), Maharashtra State, India, an Indian Company. "A front panel of a radio". May 1, 1978.

Class 3. No. 147013. Rumi Plastics, 8A, Indian Metal Forging & Rolling Mills Compound, Lal Bahadur Sastri Marg, Vikhroli (West), Bombay-400 083, Maharashtra, an Indian Partnership firm. "Bottle". May 1, 1978.

Class 3. No. 147014. Siky Products, C/o. 69, Sunshine Plastics, Bombay Talkies Compound, Malad, Bombay-400 064, Maharashtra State, an Indian Partnership Firm. "Pepper-salt set". May 1, 1978.

Class 3. No. 147015. Swan (India) Pvt. Ltd., A private Limited Company incorporated under the Indian Companies Act, at Advani Chambers, 1st floor, Sir Phiroze Shah Mehta Road, Bombay-400 001, Maharashtra State. "Container". May 1, 1978.

Class 3. No. 147027. Electronics Limited, Atma Ram House, (7th Floor) 1-Tolstoy Marg, New Delhi-110001, an Indian Company. "Throat microphone". May 5, 1978.

Class 3. No. 147029. Royal Industries, 5, Mungekar Industrial Estate, Off Aarey Road, Goregaon (East), Bombay-400 063, Maharashtra State, an Indian Proprietary firm. "Container". May 6, 1978.

Class 3. No. 147031. Rajpal Plastic Industries, 303, Neelkanth, 98, Marine Drive, Bombay-400 002, Maharashtra State, Indian Partnership firm. "Bag". May 6, 1978.

Class 3. No. 147032. Rajpal Plastic Industries, 303, Neelkanth, 98, Marine Drive, Bombay-400 002, Maharashtra State, Indian Partnership Firm. "Table Tray". May 6, 1978.

Class 3. Nos. 147069 & 1470700. Bal Krishan Gaodia, trading as Electro Mechanical Industries, of 30, Ganesh Chandra Avenue, Calcutta-13, West Bengal, India, India. "Cable Tie". May 15, 1978.

Class 3. No. 147078. Brahma Bharati Udyog, 119, Adhyaro Industrial Estate, Sunmill Compound, Sunmill Road, Lower Parel, Bombay-400 013, Maharashtra State, an Indian Partnership Firm. "Pickel bowl". May 15, 1978.

Class 3. No. 147091. Veena Electric Industries, St. Francis Xavier Street, Goan Institute Building, Chira Bazar, Bombay-400 002, (Maharashtra State), an Indian Partnership Concern. "Light changer". May 17, 1978.

Class 3. No. 147092. Veena Electric Industries, St. Francis Xavier Street, Goan Institute Puiding, Chira

- Bazar, Bombay-400 002, (Maharashtra State) an Indian Partnership concern. "Deluxe control light". May 17, 1968.
- Class 3. No. 147111. Brahma Bharati Udyog, 119, Adhyaru Industrial Estate, Sunmill Compound, Sunmill Road, Lower Parel, Bombay-400 013, Maharashtra State, an Indian Partnership Firm. "Pickle bowl". May 24, 1978.
- Class 3. No. 147157. Trescho Incorporation, of 288/90, Nagdevi Street, 1st Floor, Room No. 12-A, Bombay-400 003, State of Maharashtra, India. "Cap for bottle". June 3, 1978.
- Class 3. No. 147192. Puraskar, 296, P, Nariman Street, Sangli Bank Building, 3rd Floor, Fort, Bombay-400 001, an Indian Partnership Firm. "Bottle opener-cum-closer-cum-pilfer proof seal remover". June 8, 1978.
- Class 3. Nos. 147197 to 147199. Arora Plastics Private Limited, Deonar, Govandi Station, Road, Bombay-400 088, Maharashtra State, India, a private limited company incorporated under the Indian Companies Act. "Toy". June 9, 1978.
- Class 4. No. 147113. Carter-Wallace Limited, a public limited company incorporated under the Indian Companies Act, at 5, Convent Street, Colaba, Bombay-400 039, Maharashtra State, India. "Bottle". May 24, 1978.
- Class 4. No. 147156. Trescho Incorporation of 288/90, Nagdevi Street, 1st Floor, Room No. 12-A, Bombay-400 003, State of Maharashtra, India, a Partnership firm registered under the Indian Partnership Act. "Glass Bottle". June 3, 1978.
- Class 4. No. 147175. Trescho Incorporation of 288/90, Nagdevi Street, 1st Floor, Room No. 12-A, Bombay-400 003, State of Maharashtra, India, a partnership firm registered under the Indian Partnership Act., "Glass bottle". June 6, 1978.
- Class 5. No. 147191. Flair Pen Company, 4, Sonal Apartments, Jay Prakash Nagar, Goregaon (East), Bombay-400 063, Maharashtra, India, an Indian Partnership firm. "Container". June 8, 1978.
- Class 10. No. 146750. Bata India Limited, a public limited company incorporated under the Indian Companies Act., at 30, Shakespeare Sarani, Calcutta-700 017, West Bengal, "Footwear". February 27, 1978.
- Class 12. No. 147084. M/s. Bombay Tea Strainers, of 66, Chinchpokli Road, Bombay-400 033, Maharashtra, India, an Indian Partnership Concern. "The tea strainers". May 16, 1978.

**CANCELLATION OF THE REGISTRATION OF DESIGNS
(SECTION 51-A)**

(1)

An application has been made by M/s. Pandian Soap Works for cancellation of the registration of Design No. 145935 in Class 12 in the name of Bharani Chemical Industries.

(2)

An application has been made by M/s. Selvi Soap Works for cancellation of the registration of Design No. 145935 in Class 12 in the name of Bharani Chemical Industries.

(3)

An application has been made by M/s. Marvel Plast Private Limited for cancellation of the registration of Design No. 146112 in Class 3 in the name of M/s. Khushaldas Dipchand.

S. VEDARAMAN,
Controller-General of Patents, Designs
and Trade Marks.

